

CLAIMS

What is claimed is:

1. An apparatus for detecting ingestion of an object, comprising
an ingestible object; and
5 an identification circuit coupled to the ingestible object, the
identification circuit upon ingestion of the ingestible object enabling
electromagnetic coupling to a sensing device to indicate ingestion of the
ingestible object.
2. The apparatus of Claim 1 wherein the ingestion is performed in medicinal
10 purposes.
3. The apparatus of Claim 1 wherein the ingestion is human ingestion.
4. The apparatus of Claim 1 wherein the electromagnetic coupling is radio
frequency electromagnetic coupling.
5. The apparatus of Claim 1 wherein the electromagnetic coupling of the
15 identification circuit is different for at least two different locations of the
ingestible object.
6. The apparatus of Claim 5 wherein one of the at least two different locations
is inside a container and another of the at least two different locations is in an
ingestion system.
- 20 7. The apparatus of Claim 1 wherein an electromagnetic parameter of the
identification circuit during the ingestion is altered to alter the
electromagnetic coupling.
8. The apparatus of Claim 7 wherein the identification circuit comprises two
layers, at least one of the layers being altered during the ingestion.
- 25 9. The apparatus of Claim 8 wherein a layer is opaque to electromagnetic
signals within a wavelength band and is dissolved during the ingestion.

10. The apparatus of Claim 7 wherein at least one part of the identification circuit is dissolved during the ingestion.
11. A method of detecting ingestion of an object, comprising
coupling an identification circuit to an ingestible object, the
5 identification circuit upon ingestion of the ingestible object enabling
electromagnetic coupling to a sensing device to indicate ingestion of the
ingestible object.
12. The method of Claim 11 wherein the ingestion is performed in medicinal purposes.
- 10 13. The method of Claim 11 wherein the ingestion is human ingestion.
14. The method of Claim 11 wherein the electromagnetic coupling is radio frequency electromagnetic coupling.
15. The method of Claim 11 wherein the electromagnetic coupling of the
15 identification circuit is different for at least two different locations of the
ingestible object.
16. The method of Claim 15 wherein one of the at least two different locations is
inside a container and another of the at least two different locations is in an
ingestion system.
17. The method of Claim 11 wherein an electromagnetic parameter of the
20 identification circuit during the ingestion is altered to alter the
electromagnetic coupling.
18. The method of Claim 17 wherein the identification circuit comprises two
layers, at least one of the layers being altered during the ingestion.
19. The method of Claim 18 wherein a layer is opaque to electromagnetic signals
25 within a wavelength band and is dissolved during the ingestion.
20. The method of Claim 17 wherein at least one part of the identification circuit
is dissolved during the ingestion.